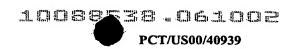
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THAT WHICH IS CLAIMED:

1. As

1. A solution for perfusing and storing a heart while awaiting transplantation comprising:

- (a) a balanced isotonic solution in a physiologically acceptable amount;
- (b) a cyclosporin; and
- (c) water.
- 2. The solution according to Claim 1 wherein said balanced isotonic solution includes sodium, potassium, calcium, magnesium ions and bicarbonate.
- 3. The solution according to Claim 1 wherein said cyclosporin is present in an amount from about 2.5 μ M to about 10 μ M per liter of solution.
- 4. The solution according to Claim 1 wherein said cyclosporin is
 15 present in an amount from about 5.0 μM to about 8.0 μM per liter of solution.
 - 5. The solution according to Claim 1 wherein said balanced isotonic solution comprises:

	Concentration Ranges in 1 Liter	
	NaCl	85 mM to 145 mM
	KCl	3 mM to 50 mM \checkmark
	CaCl ₂	0.5 mM to 2.5 mM
	KH ₂ PO ₄	0.7 mM to 1.3 mM ⋅★
	$MgSO_4$	0.9 mM to 4.8 mM +
	NaHCO ₃	15 mM to 35 mM
	Glucose	1.0 mM to 50 mM

and said cyclosporin is present in an amount from about 2.5 μM to about 10 μM per liter of solution.

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6. A method for preserving hearts which extends the life of the heart during transplantation comprising:

perfusing and storing a heart with a solution comprising:

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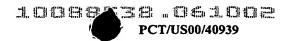
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amount;

- (a) a balanced isotonic solution in a physiologically acceptable
- (b) cyclosporin; and
 - (c) water
- 7. The method according to Claim 6 wherein said balanced isotonic solution includes sodium, potassium, calcium, magnesium ions and bicarbonate.
 - 8. The method according to Claim 6 wherein said cyclosporin is present in an amount from about 2.5 μM to about 10 μM per liter of solution.
 - 9. The method according to Claim 6 wherein said cyclosporin is present in an amount from about $5.0 \mu M$ to about $8.0 \mu M$ per liter of solution.
- 10. The method according to Claim 6 wherein said balanced isotonic solution comprises:

	Concentration Ranges in 1 Liter		
	NaCl	85 mM to 145 mM	
25	KCl	3 mM to 50 mM	
	$CaCl_2$	0.5 mM to 2.5 mM	
	KH_2PO_4	0.7 mM to 1.3 mM	
	$MgSO_4$	0.9 mM to 4.8 mM	
	NaHCO ₃	15 mM to 35 mM	
30	Glucose	1.0 mM to 50 mM	

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and said cyclosporin is present in an amount from about 2.5 μM to about 10 μM per liter of solution.